

App. No. 10/594,692  
Office Action Dated March 18, 2009

Amendments to the Claims:

This listing of claims will replace all prior versions and listing of claims in the application.

Listing of Claims:

1-5. (Canceled)

6. (Currently amended) A method for activating, *in vivo*, plant defense and resistance reactions against biotic or abiotic stresses, comprising: administering, to living plants, an effective amount of (1) ulvans, ~~in particular extracted from green algae of the genus *Ulva* or *Enteromorpha*, or (2) a reaction product obtained from the treatment of green algae of the genus *Ulva* or *Enteromorpha* by hydrolysis or enzymatic hydrolysis of the ulvans of (1), wherein the administration to the plants is effected under *in vivo* conditions.~~

7. (Previously presented) The method as claimed in claim 6, wherein the administering to the plants is carried out via leaves or via roots.

8. (Previously presented) The method as claimed in claim 6, wherein the effective amount given to the plants is from 0.1 g to 100 g per liter, ~~and preferably of the order of 1 g per liter, when applied in liquid form via the leaves, in nutritive solution[[s]] for the roots or in solution[[s]] for seed or post-harvest treatment, or else from 10 to 1000 g per hectare, and preferably of the order of 200 g per hectare, when applied in solid form in pulverulent or granulated products.~~

9-10. (Canceled)

11. (Currently Amended) The method as claimed in claim 8, wherein the nutritive solution[[s]] for the roots is hydroponics or provided dropwise to the roots or hydroponics are utilized to provide the nutritive solution to the roots.

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12-17. (Canceled)

18. (New) The method as claimed in claim 8, wherein the effective amount given to the plants is 1 g per liter.

19. (New) The method as claimed in claim 6, wherein the effective amount given to the plants is from 10 to 1000 g per hectare when applied in solid form in pulverulent or granulated products.

20. (New) The method as claimed in claim 19, wherein the effective amount given to the plants is 200 g per hectare.

21. (New) A method for activating, *in vivo*, plant defense and resistance reactions against biotic stresses, comprising: administering, to living plants, an effective amount of (1) ulvans extracted from green algae of the genus *Ulva* or *Enteromorpha*, or (2) a reaction product obtained from hydrolysis or enzymatic hydrolysis of the ulvans of (1),  
wherein the administration to the plants is effected under *in vivo* conditions.